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Amended Claims

Please replace the claims with those listed below, which listing supercedes all prior listings of claims:

1. (Presently Amended) A method for providing telecommunications services, the method comprising the steps of:

generating a compiled representation of a textual description in a mark-up language of operations for performing a call feature or service,

instantiating a feature object embodying the compiled representation,

instantiating a context object that maintains information regarding a present state of the feature or service, and that signals the feature object in regard to events occurring with respect to the feature or service, (i) accesses the compiled representation in response to one or more events, and

the feature object responding to such signalling by effecting (ii) effects execution of one or more of the the operations in the compiled representation of the mark-up language description.

2. (Original) A method according to claim 1, comprising instantiating the context object in response to a boundary event with respect to the telecommunications service or feature.
3. (Original) A method according to claim 2, comprising instantiating the context object in response to an event indicative of any of call origination or call termination.
4. (Original) A method according to claim 1, comprising passing notification of at least selected events to the context object.
5. (Presently Amended) A method according to claim 4, responding with the context object to at least selected notifications by effecting via the feature object execution of further operations with respect to the call feature or service.

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6. (Original) A method according to claim 4, identifying as a boundary event an event notification of which does not result in the effecting of execution of further operations with respect to the call feature or service by the context object.

7. (Original) A method according to claim 1, comprising

instantiating the context object in response to a boundary event with respect to the telecommunications service or feature, and

passing notification of at least selected events to the context object.

8. (Original) The method of claim 7, wherein the textual description defines a set of rules and actions for providing the telecommunication service.

9. (Original) The method of claim 8, wherein the textual description defines a call policy associated with a subscriber.

10. (Original) The method of claim 10, wherein the event includes a call control event indicative of a signal received from an external device.

11. (Original) The method of claim 10, wherein the external device is a telecommunications switch.

Claims 12 – 23 (cancelled).

24. (Presently Amended) A method for providing telecommunications services, comprising the steps of:

providing a textual description in a mark-up language of a set of logic instructions describing a telecommunications service,

parsing the textual description to generate a compiled representation of the logic instructions,

instantiating a feature object embodying the compiled representation, and

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instantiating a context object in response to an event, the context object maintaining information regarding a present state of the telecommunication service, the context object signalling the feature object to access that accesses the compiled representation and to effect execution of the telecommunication service defined by the logic instructions.

25. (Original) The method of claim 24, wherein the telecommunication service is any of a call, a call feature, and subscriber or feature administration.

26. (Original) The method of claim 24, wherein the event is a call progress event occurring with respect to the telecommunication service.

27. (Presently Amended) The method of claim 24, wherein the feature context object maintains information regarding the present state of an on-going telecommunications service.

28. (Original) The method of claim 24, wherein the mark-up language is any of HTML, XML, or any extension thereof.

Claims 29 - 40. (Cancelled).

32. (Previously Amended) A telecommunications system, comprising:

a call control module that controls a call processing context associated with a subscriber, and

a call feature module in communication with the call control module, the call feature module accessing a compiled representation of textual description in a mark-up language of logic defining a telecommunication service provided to a subscriber in response to an event to effect execution of the service.

33. (Original) The telecommunications system of claim 32, wherein the event is a call progress event provided by the call control module in response to a signal received with respect to status of an on-going telecommunication service.

34. (Original) The system of claim 33, wherein the on-going telecommunication service is an active telephone call.

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35. (Original) The system of claim 33, wherein an external device generates the signal with respect to status of an on-going telecommunication service.
36. (Original) The system of claim 35, wherein the external device is a telecommunications switch.
37. (Original) The system of claim 32, further comprising a parser for receiving a textual description of logic defining a telecommunication service and generating a compiled representation therefrom.
38. (Original) The system of claim 37, wherein the telecommunications service is any of a call, a call feature, and subscriber or feature administration.
39. (Previously Amended) The system of claim 32, wherein the call feature module instantiates a feature context object that accesses the compiled representation to determine at least an action to be effected for providing the telecommunication service.
40. (Original) The system of claim 37, wherein the compiled representation includes objects in a C++ programming environment.